

ABSTRACT

5 “AN INTEGRATED ELECTRONIC MICROPHONE
 AND A METHOD OF MANUFACTURING”

10 The present invention provides an integrated electronic microphone formed as
part of a semiconductor device, and a manufacturing method therefor. The microphone is
formed with a sensing electrode as part of a sensing membrane, and the sensing electrode
is connected to the gate of a sensing transistor to provide an output. The microphone may
be operated in constant bias or constant charge mode.